

United States Department of Agriculture

North Dakota

FIELD DIARY *Oregon*

OF

California

Mr. *Vernon Bailey* 1909.

In Charge of Biological Investigations
(Official title.)

NOTICE.—This book is Government property. The finder is requested to mail it to the DISBURSING CLERK, DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C., or deliver it to the official whose name appears above. A detachable addressed frank will be found on the last page; by tying this on the cover the book may be mailed without postage or wrapping if fastened shut.

INSTRUCTIONS.

Every officer or other employee of the Department of Agriculture conducting work while traveling will, so far as practicable, keep a diary in which will be recorded, under an appropriate date entry, a concise statement of all important matters pertaining to such work and also of any general matters that may be of interest to the Department.

This diary will be retained by the official preparing same, but will be subject to call by the administrative officers of the Department, including the disbursing officer, at any time.

When this book is filled another may be secured by application to the chief of your Bureau or to the disbursing officer of the Department.

James Wilson

Secretary of Agriculture.

1909

July 9.

Left Washington at 1:27 PM
B & O. for Chicago and North-
Western states for field work.

July 10.

Reached Chicago at 9:30
A.M. and left on Milwaukee
at 6:30 P.M.
Visited Field Museum and
purchased field supplies
not obtainable in Washington.

July 11.

Reached St. Paul, Minn.
at 9:15 A.M. and took train
to Elk River at 12 M. where I remained
two days on leave.

July 12.

On leave.

July 13.

Took N. P. Train at 12
M. at Elk River and
reached Jamestown, N. Dak.
before dark.
Secured good zone notes
along railroad and made
corrections to zone map.

July 14.

Waited till 12:55 PM
for train north to Leeds
enroute for Turtle Mts.
Secured lists of plants
and birds & mammals

July 15. Had to stay all night at Leeds & get a train to Bottineau, nearest point to the Turtle Mts. Left Leeds at 2:12 P.M. & reached Bottineau about 4 P.M. Tramped over prairie at both places and made lists of mammals, birds and plants.

July 16. Got a train at Bottineau and drove north through the Turtle Mts. to Lake Mitigosh, then went around the lake in boat, getting good notes on birds, mammals & plants. Visited an old resident of the mountains, Thomas Mifflin and got all he knew of the local natural history and also got some specimens.

July 17. Returned to Bottineau and thence by rail to Rugby Junction and Minot. Had several hours to wait at Minot and got good notes. Took train to Valley City at 10:45 P.M.

July 18 Reached Valley City at 3:20 A.M. + left at 7:30 on N.P. for Bismarck. Sunday.

July 19. Spent most of the day writing reports covering the country tramped over.

July 20. Tramped over the valley below Bismarck and secured some specimens and full notes on species.

July 21. Took 7:45 A.M. train for Washburn, arriving there before noon during hard rain. Worked on reports until after noon, then tramped over prairie setting traps and taking notes.

July 22. Hired a team and drove across Missouri River and up toward Stanton, the type locality of a *Spermophilus* species. Set out a line of traps and returned. Secured a lot of good specimens and full lists of species for west side of river.

July 23. Sent Streets to the traps across the river while I followed down the river bottoms on east side and added some species of birds and plants to the lists. Made up specimens in evening.

July 24. Packed up and took train back to Bismarck and wrote the rest of day on field reports.

July 25. Sunday and no trains out on the line south to Roseau, my next point. Finished reports and official correspondence.

July 26. Visited the Gov. John Burke to get collecting permit for N. Dak. Packed my baggage and took train at 2:30 for Linton, (N.P. this pm).

~~July 27~~. Arrived at Linton about 8 PM and staid all night at hotel.

July 27. Tramped over valley all forenoon & took 12 P.M. train (Sec line) to Roseau, S. Dak. & had to stay over for train west.

July 28. Took 8 A M train for
Moberly & arrived there at
about 10:30. Spent rest of
day tramping over prairie
and river valley, listing
Birds, mammals and plants.

July 29. Train was delayed by
wheels so had to wait till 3 PM
for train west. Reached
Lemmon, S. Dak, before dark

July 30. Got saddle horse and rode
south to valley of Grand river
getting notes on fauna &
flora of the prairie.
Took 2 P.M. train for
Marmarth and arrived
there about 5 P.M.

July 31. Tramped all day over
the hills and prairie and
badlands, getting very full
notes and some important
specimens.

Aug 1. Took 9 A M train west
to Miles City, arriving at
3 P.M. Sunday.
Made up July expense acct.

Aug. 2.
Had to find another place
to stay as the Elks Hotel
engaged every room in
town for their carnival.
Got a good place about 1 mile out.

Aug. 2.
" 3.
" 4. } Wrote up trade reports
from stores along the
way since leaving
Bismarck, N.D. ~~also~~
Also made notes on birds
mounds & plants of the
valley and foothills of this
locality.

Aug. 5. Could not get a horse or
team in town on account
of the Elks Carnival, so
hired a bicycle and rode
about 10 miles S.E. into
the badland buttes where
there is pine timber and a
whole set of plants and
animals different from
those of the valley.

Aug. 6. Packed up and took 2 P.M.
train to Terry and arranged
for team and camp outfit
for trip north to Mountain
Sheep Buttes.

Aug. 7. Wrote reports for Miles City
+ got supplies for trip.

Aug. 8. Started at 2 P.M. on camp
trip north from Terry to Mountain
Sheep Buttes. Camped 10 miles
up Cedar Creek and set traps.

Aug. 9. Followed up Cedar Creek to head and over Top of Mountains Sharp Buttes & back to Trail Spring to camp

Aug. 10. Came back down Cedar creek and camped at first night's camp.

Aug. 11. Crossed over to Cherry Creek and up into pine covered buttes near the river 5 or 6 miles NW of Terry. & then back to Terry.

Aug. 12. Wrote reports & packed up but train was late so we did not start west till 4 P.M. Got as far as Custer before dark & got good notes along way. Reached Billings at 10:30 P.M. & went to Northern Hotel.

Aug. 13. Tramped over valley & got notes & specimens.

Aug. 14. Drove west 6 miles up valley & located straits for collecting. Then tramped down over river flats & got lists of Birds & plants in P.M.

Aug. 15 Left Billings 11:30 A.M. & reached Livingston about 3 P.M. Tramped over valley & got notes on plants, birds, mammals.

Aug. 16. Took 8 A.M. train for Gardiner and returned on 7:15 P.M. train. Got notes along the way and at Gardiner & colored in zone lines.

Aug. 17. Took 2:40 P.M. train for Helena, arriving about 7 P.M. Got good notes along the way & colored in zone maps.

Aug. 18. Tramped over valley and back into Mts. Got Chipmunks and good notes on plants, birds & mammals.

Aug. 19. Went up gulch into Canadian zone forest. Got specimens & notes. Collected *Citellus amatus* for the first time in Montana. Found them common high up in gulches. Got ticks from them.

Aug. 20. Left Helena 1:20 P.M. Butte, arrived there about 6. Found *Citellus amatus* abundant in Elk Park along R.R. Colored zone map & got good notes.

Aug. 21, Met Henry Auer, Game warden
for Montana + got permits for
collecting, and much information
and cordial assistance.

Left Butte at 1:50 P.M. via
Oregon Shortline for Canon, Idaho.
Betsy taking notes along the way
till dark at Red Rock.

Stopped at Dubois, Idaho at
10:30 P.M.

Aug. 22. Tramped over valley all
of forenoon, getting specimens
+ notes. In P.M. Made up
specimens + wrote up notes.

Aug. 23. Hunted and collected specimens
at Dubois.

Aug. 24. Left Dubois

Aug. 23. Took morning train back
to Dillon Mont. and in P.M.
drove over valley below town
and got a few specimens and
good notes.

Aug. 24 - Hunted at Dillon till noon
then took 2 P.M. train for
Butte.

Aug. 25. Left Butte on N.P. train
for Missoula. They left Missoula
at 3 P.M. for Woodside
and reached Corvallis by
stage before dark.

Sept. 24. Hunted over valley for
Citellus columbianus but found
none. Got bats at bridge.

Oct. 27. Hunted and over valley
and along river. Could find no
trace of Citellus.

Oct. 28. Hunted and trapped and
made up specimens.

Aug. 29. Hunted & trapped.

Aug. 30. Made out expense acct. &
wrote reports & letters & arranged
for trip up the valley.

Aug. 31. Got team & man & camp
outfit & went up valley 4
miles south of Darby and
camped & set traps.

Sept. 1. Continued up valley and
up East Fork, or Ross Fork
to Ross' Hole near Sula
and camped at ranch to
get out of rain. Hunted &
set traps the rest of day.

Sept. 2. Returned down valley
to Darby & camped near
a ranch. Rained part of day.

Sept. 3. Returned to Corvallis.
Rained all day.
Made up specimens.

Sept. 4. Took early train for
Missoula & Paraffin to
consult with forestry people
about change of range boundaries
quarters in Bison Range.

Sept. 5. Drove down on west
side of buffalo pasture.

Sept. 4. Drove around buffalo pastures and examined the places selected for Wardens house.

Sept. 7. Returned to Missoula and consulted with Grubbs & engineers in Forest Office. Then took train to Corvallis to finish my work in Bitterroot valley.

Sept. 8. Had letters and reports to write. & set out some traps.

Sept. 9. Drove up Willow Creek into mts. east of valley and climbed to 7500 feet to get zone lines on the sides of valley.

Sept. 10. Made up the specimens collected yesterday & wrote up notes.

Sept. 11. Packed up specimens to ship. Rained most of day.

Sept. 12. Packed baggage & got ready to leave in morning. Has rained & snowed on mts. for 2 days so the trip I had planned into Bitterroot Range had to be abandoned.

Sept. 13. Left on early morning train & stopped in Missoula a few hours, then on to Rosalia and waited for stage to Poon in morning.

Sept. 14. Left Puvalli at 4 AM
on stage for Paloon, then took
boat on Flathead Lake for
Somers and train to Belt

Sept. 15. Colored zone map for
the country covered, then
took return train to
Kalispell and wrote our reports
till bed time.

Sept. 16. Took 7 AM train to
Somers, then boat to Paloon
then stage to Puvalli, arriving
at 6 P.M. Set traps before
dark & wrote reports till bedtime.

Sept. 17. Caught a few specimens
& wrote reports all day.
set more traps

Sept. 18. Made up specimens and
wrote reports & mailed packages
& packed baggage and took
12:35 train west from
Puvalli. Reached Lake
Lake at dusk.

Sept. 19. Reached North Yakima
at 8 AM.
Drove to Kowichie and up Kowichie River

Sept. 20. Set traps along Natchez River
and made lists of plants and birds
and mammals.

Sept. 21. Took up traps early in morning
getting enough *Microtus* to settle status
of species. Caught 10 AM excursion
train for Seattle, and got notes on
zones all across mts. Seattle 6 PM.

Sept. 22; Rode all night and reached
Kalama, Wash. at daylight and
Portland, Oregon at 9 A.M.

Got mail & wrote reports
Sept. 23, finished reports and got
supplies for next trip.

Sept. 24. Crossed over to Vancouver,
Wash., and set traps and hunted
rest of day.

Sept. 25. Caught *Chilotus* and other
mice and drove out to orchards
to get more notes on characters
of country.

Sept. 26. Streeter arrived and I
set out lines of traps with
him for *Microtus townsendi*,
at its type locality.

Sept. 27, Went to Portland, Oregon and
saw U.W. Anthony and Dr. Fisher
and arranged to get collecting permits
for myself & Streeter.

Sept. 28. Took train to Albany
with Mr. Finley, who is to get
our permits on his trip to Eugene.
Set traps & stayed over night.

Sept. 29. Took 12:40 train for Yaguma &
arrived at dark.

Sept. 30, Took morning boat over to Newport and hunted and made lists of plants & birds & mammals along coast. &c.

Oct. 1, Took 6 AM boat back to Yaguina & train to Albany. Set out more traps.

Oct. 2. Went to traps before breakfast and took 7:30 train for Detroit. Arrived there at noon & hunted in afternoon & set traps.

Oct. 3. Found I could not get up Mt. Jefferson in less than a 3 day trip, so got saddle horse and started early for Battle Ax Peak, 1.5 miles N.E. of Detroit & 5700 feet high. to get zone lines. Rode to Elk Lake at 3700 feet, then climbed the peak on foot & back to horses in 1 hour & 40 minutes including stops for hunting & listing plants, ~~hours~~ 65 minutes going up & 35 coming down 2000 feet.

Got back to Detroit at dark with good notes & some specimens.

Oct. 4. - Returned to Albany in P.M.

Oct. 5. Wrote reports and took 1:30 train for Drain, arriving before dark and making round of traps with students who arrived there a day ahead of me.

Oct. 6. Wrote reports and made out exp't. Expense list. & hunted around Drain. Got Neotomas in the nests.

Oct. 7. Took stage before daylight for Scottsburg on Zumpqua Bay and arrived before dark. Set out line of traps.

Oct. 8. Caught a lot of mammals & shot birds - got good lists. Made up specimens and took boat for Sumner at dark. Arrived at Sumner at 10 P.M.

Oct. 9. Continued on same boat, to mouth of Zumpqua Bay, where we took stage down the coast to Coas Bay & boat across to Marshfield.

Oct. 10 - Wrote reports most of day, but had one good trap in woods back of town.

Oct. 11 - Walked across from Marshfield to Empire, about 6 miles and half the way through dense woods & brush without trail. Got a team to come back & bring our baggage over, and located for work at Empire. Set out a line of traps before dark.

Oct. 12 to 14. Collected about Marsh Empire with streets, getting a good lot of birds & mammals & notes on plants. Left for Marshfield on Launch Rita 4 P.M. on Oct. 14, leaving streets to finish work at Empire.

Oct. 15, Got at 2:30 P.M. boat, the Chuzzle, for Summer 17 miles up Catching Slough, and arrived at 5 P.M., too near dark to get out any traps.

Oct. 16, Took the old Hazley trail due east & climbed to top of Blue Mts., The highest range near Cross Bay the only 1800 feet high. Got good lines & some specimens & good notes.

Oct. 17, Returned on Curlew to Marshfield & wrote reports.

Oct. 18, took train to Coquille & foot to Bandon, arriving at noon & hunting along shore all of afternoon in rain.

Oct. 19, Took morning stage for Gold Beach. Rode all day in rain & reached Port Orford after dark.

Oct. 20, Rode till noon in open buckboard stage & got pretty wet & cold. Stopped at Corbin for dinner and decided to stay over till morning. Continued raining all day & night.

Oct. 21, Staged to Wedderburn & crossed Rogue River to Gold Beach.

Oct. 22, Found a gasoline launch going up Rogue River, so went with it up 17 miles to Frank Towrie's place opposite Shookemhouse Butte. A convenient point for getting into the Rogue River Mts. arrived at 2 PM & had time to climb about 2000 feet and set out a line of traps.

Oct. 23, started early & climbed the ridge north of the river, over first & second Prairie Mountains, Soldier Camp peak and Sagegrass Summit to an elevation of 3500 feet. Got zone lines, lists of plants & birds & mammals & specimens. Got back after dark. A hard day.

Oct. 24 - Took gun & a few traps & started down the trail along north side of Rogue River afoot to Wedderburn, about 20 miles. got in at dark & got good notes & specimens along way.

Stayed at Wedderburn for work on north side of river.

Oct. 25 - Trapped + hunted most day
With 2 traps caught 8
gophers + got a lot of
Microtus + shot some birds.
Made up skins in evening

Oct. 26 - Took up traps, finished
specimens + classed to Gold
Back. Set traps + make up
specimens.

Oct. 27 - Wrote reports, packed
+ shipped specimens, packed up
ready for stage trip in morning.

Oct. 28 - Took stage at daylight
for Crescent City, and got as
far as Harbor at last.
Rained all day in open
backland we had little protection.
Rivers rising and this is
probably the last trip of the stage
this fall.

Oct. 29, Rained all night + continued
by spells all day but we
had a covered stage to
Crescent City + kept fairly
dry.

Oct. 30 + 31, Rained most of time so
I wrote reports up to date.
Took one long tramp up coast.

Nov. 1-3 Trapped for *Microtus*
and caught lots of *M.*
angusticeps, but no *townsendi*,
the kind I wanted. Caught
one *Scapanus* & one *Sorex*.

Nov. 4. Drove from Crescent
City to Garret and rode
Garret's 18 miles N E
to Middle fork Smith River,
in a little sheltered valley
cut off from coast winds
by overlapping ridges.
Its full of interesting plants
as *Pinus geyeri* & *attenuata*.
- oaks.

Returned to Crescent City
& took steamer *Oil No. 1*
for San Francisco at 11 P.M.
in rain & wind.
Steamer loaded with adobe
lumber & butter.

Nov. 5, A clear day on the
ocean in sight of land.
from Humboldt Bay to Mendocino
City, then dark.

Nov. 6. Came into the Golden Gate
at 9 A.M. on a beautiful clear
morning & went to Colonial
Hotel.

Nov. 7 - Sunday, Spent a
good part of day, getting my
baggage checked & tickets
validated & took 6 PM
train for home, via
U.P. O & R.G. Rock Island,
& B & O.

Reached Washington Nov. 14,





